



Patent
Attorney Docket No. 0302670-0004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

MARK M. WANG, et al.

Serial No.: 09/845,245

Filed: April 27, 2001

For: Methods & Apparatus For Use Of
Optical Forces For Identification,
Characterization and/or Sorting Of Particles

Group Art Unit: 1651

Examiner: Jon P. Weber

INFORMATION DISCLOSURE STATEMENT

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Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 5/17/01

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Application Number	09/845,245
Filing Date	April 27, 2001
First Named Inventor	Mark M. Wang et al.
Group Art Unit	1651
Examiner Name	Jon P. Weber
Attorney Docket Number	0302670-4 (prev. 263/168)

Examiner Initials*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code ² (if known)			
	US-3826899		Ehrlich et al	07/30/1974	
	US-4939081		Figdor et al	07/03/1990	
	US-5374556		Bennett et al	12/20/1994	
	US-5472550		Periasamy	12/05/1995	
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	US-5834208		Sakano	11/10/1998	
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	ARLT et al, "Moving Interference Patterns Created Using The Angular Doppler Effect", Optics Express, 10, 16, 2002, 844-852.	
	ASHKIN, "The Pressure Of Laser Light", Scientific American, 226, 2, 1972, 63-71.	
	BUICAN, "Automated Cell-Separation Techniques Based On Optical Trapping", ACS Symposium Series, 464, 1991, 59-72.	
	GROVER et al, "Automated Single-Cell Sorting System Based On Optical Trapping", Journal of Biomedical Optics, 6, 1, January 2001, 14-22.	

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	MACDONALD et al, "Trapping & Manipulation Of Low Index Particles In A Two Dimensional Interferometric Optical Trap", Optics Letters, 26, 12, 2001, 863-865.	
	MARKX, et al, "The Dielectrophoretic Levitation Of Latex Beads, with Reference To Field-Flow Fractionation", Journal of Physics D: Applied Physics, 30, 17, 1997, 2470-2477.	
	MOLLOY et al, "Lights, Action: Optical Tweezers", Contemp. Physics, 43, 4, 2001, 241-248.	
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	PRIEVE, "Use Of Optical Forces To Detach Single Microscopic Particles Adhering To Flat Surfaces In Aqueous Media", Proceedings Of The Annual Meeting Of The Adhesion Society, 20 th , 1997, 151-153.	
	ZEMENEK et al, "Optical Trapping Of Rayleigh Particles Using A Gaussian Standing Wave, Optics Communication, 151, 4, 5, 6, 1998, 273-285.	

Examiner Signature	Date Considered
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